

View Online at <https://aerobasegroup.com/nsn/5990-00-904-7315>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.5000 inches and 0.5005 inches

Overall Length:

1.6650 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

Between 0.0580 inches and 0.0680 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3370 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

10

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

100.0 milliamperes

Stator Input Electrical Power Rating:

250.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

Between 28.90 and 39.10

Rotor Dc Resistance In Ohms:

Between 28.80 and 35.20

Stator Dc Resistance In Ohms:

Between 22.50 and 27.50

Phase Shift Angle In Deg:

10.200 output to input

Maximum Fundamental Null Voltage In Millivolts Per Volt:

60.00 output

Actuator Friction Torque At Minus 55 Deg Celsius:

9.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Pilot Length:

Between 0.0350 inches and 0.0450 inches

Shoulder Length:

Between 0.0570 inches and 0.0670 inches

Mounting Surface To Terminal End Distance:

1.1900 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 107.10 and 130.90

Shaft Slot Depth:

0.1880 inches single shaft

Shaft Slot Width:

0.1250 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 1.028 rotor to stator and 1.090 rotor to stator

Test Data Document:

10001-2325877 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800